

**FIG. 1**  
(Prior Art)

Q-SWITCHED PULSE WIDTH AS A FUNCTION  
OF FRACTIONAL DENSITY IN Er:YAG

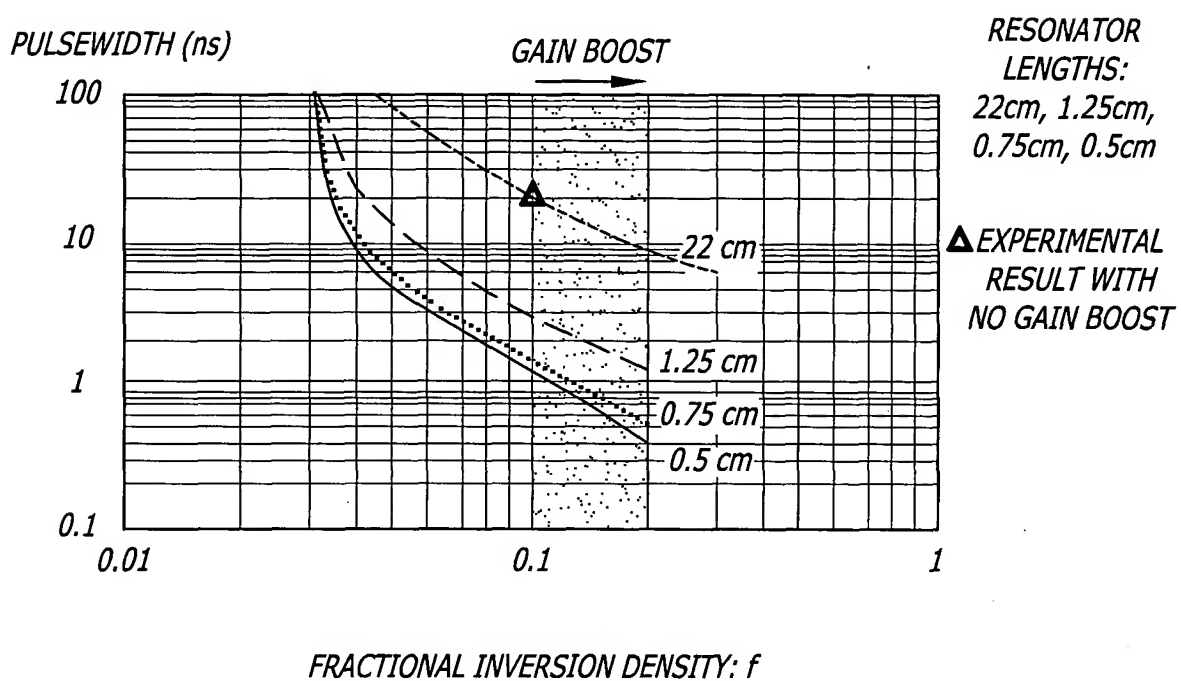
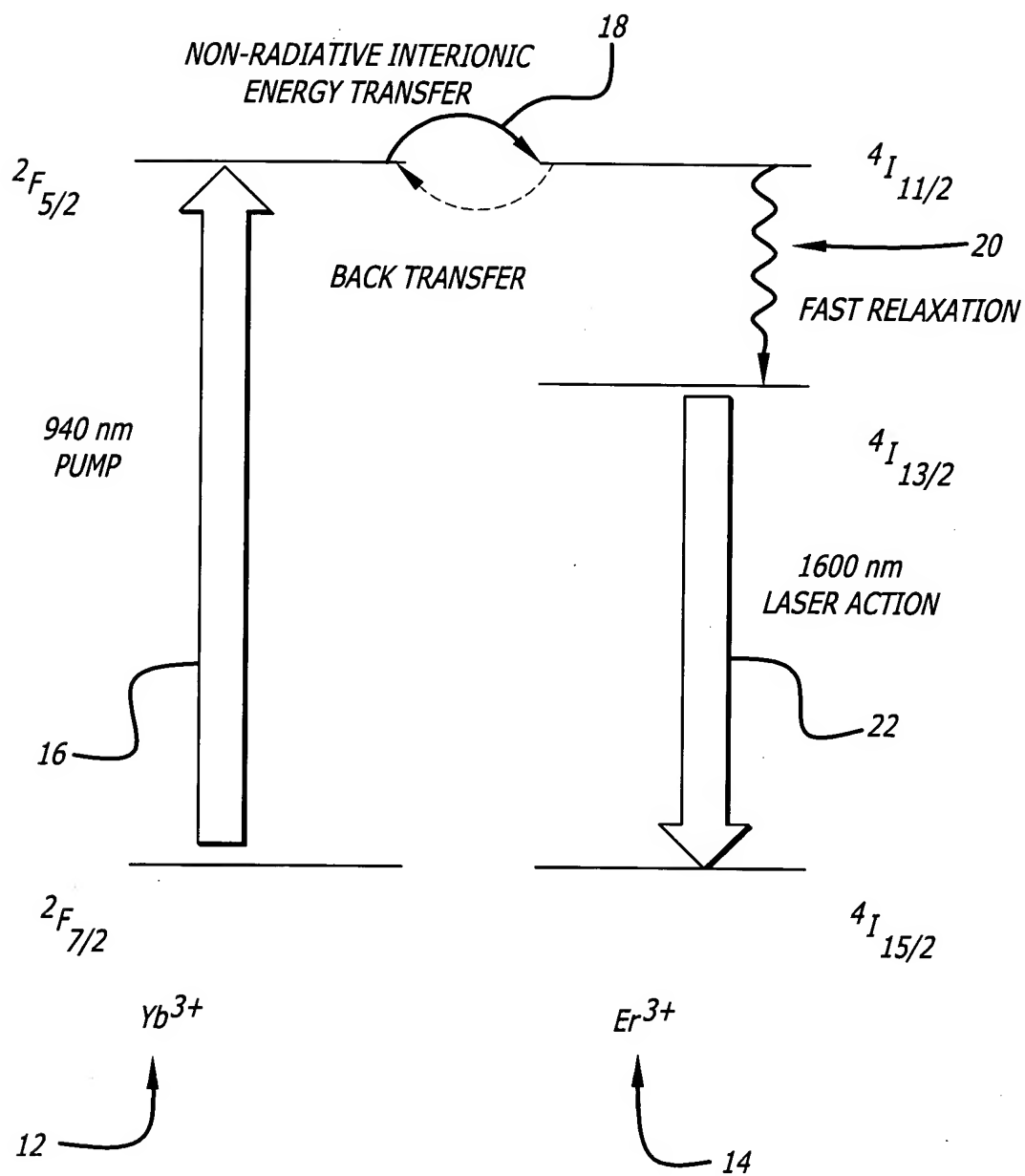
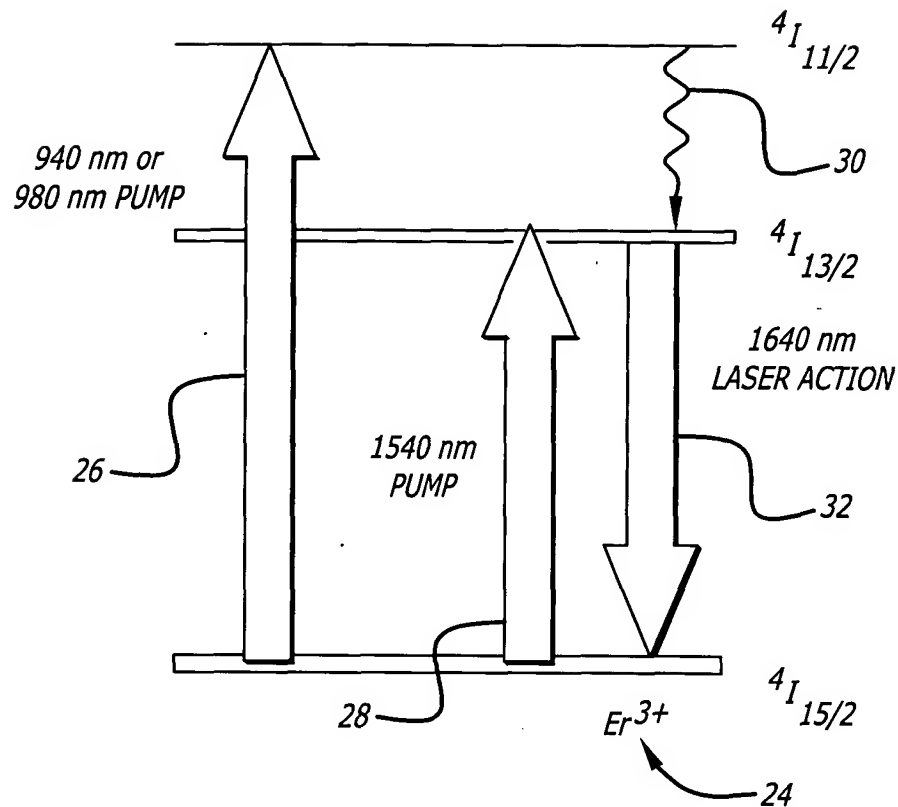
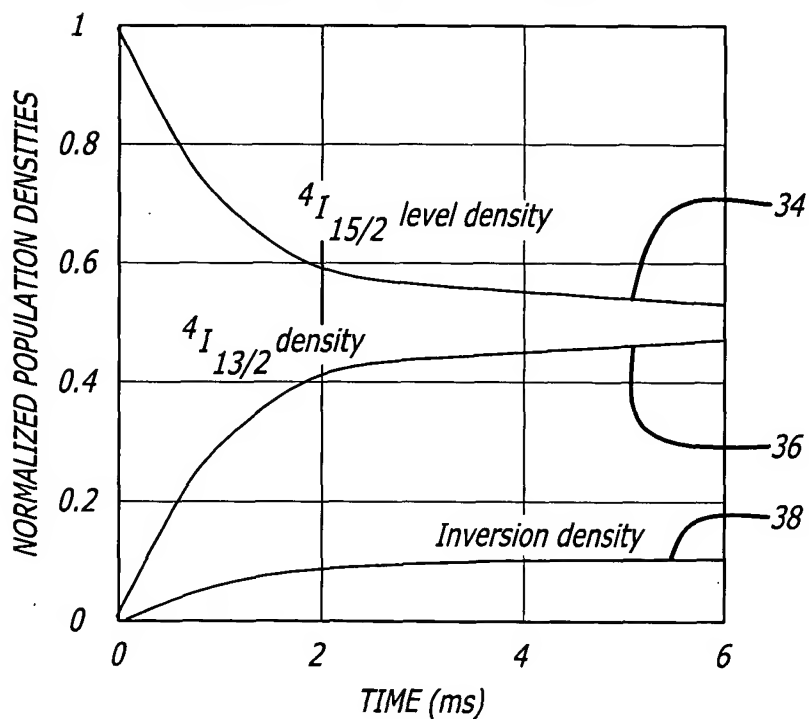


FIG. 2  
(Prior Art)



**FIG. 3**  
(Prior Art)

FIG. 4

ENERGY LEVEL POPULATION DYNAMICS FOR  
RESONANTLY PUMPED Er:YAG LASERFIG. 5  
(Prior Art)

ENERGY LEVEL POPULATION DYNAMICS FOR  
GAIN BOOST TWO-COLOR PUMPED Er:YAG  
LASER WITH CONSECUTIVE PUMP ONSET  
SYNCHRONIZATION

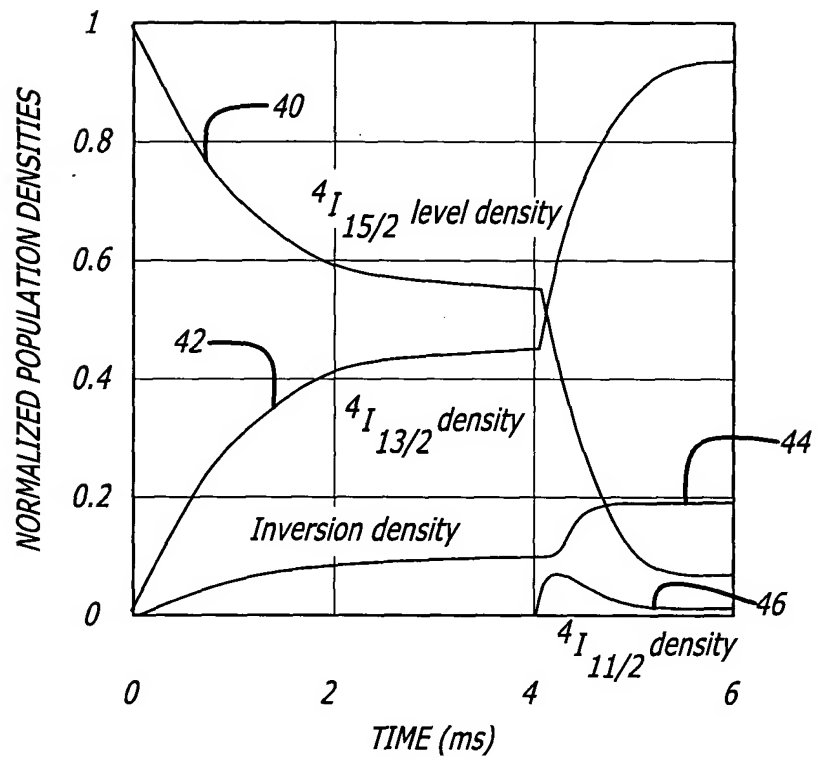
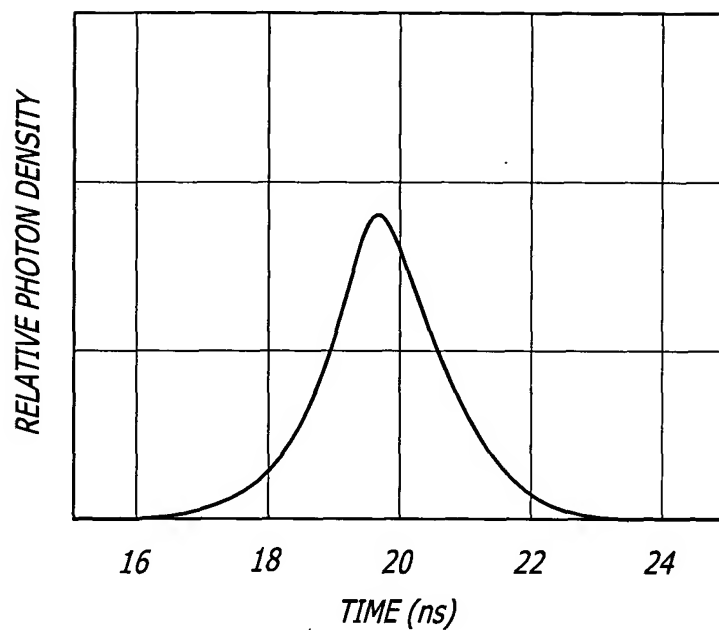


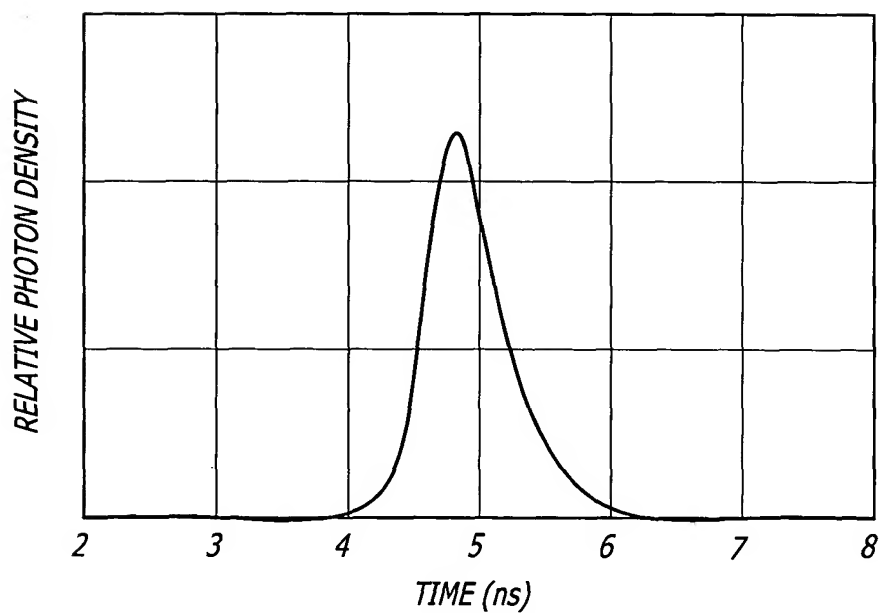
FIG. 6

*Q-SWITCHED LASER OUTPUT RESONANT  
PUMPING ONLY*



**FIG. 7**  
(Prior Art)

*Q-SWITCHED LASER OUTPUT GAIN BOOST*



**FIG. 8**

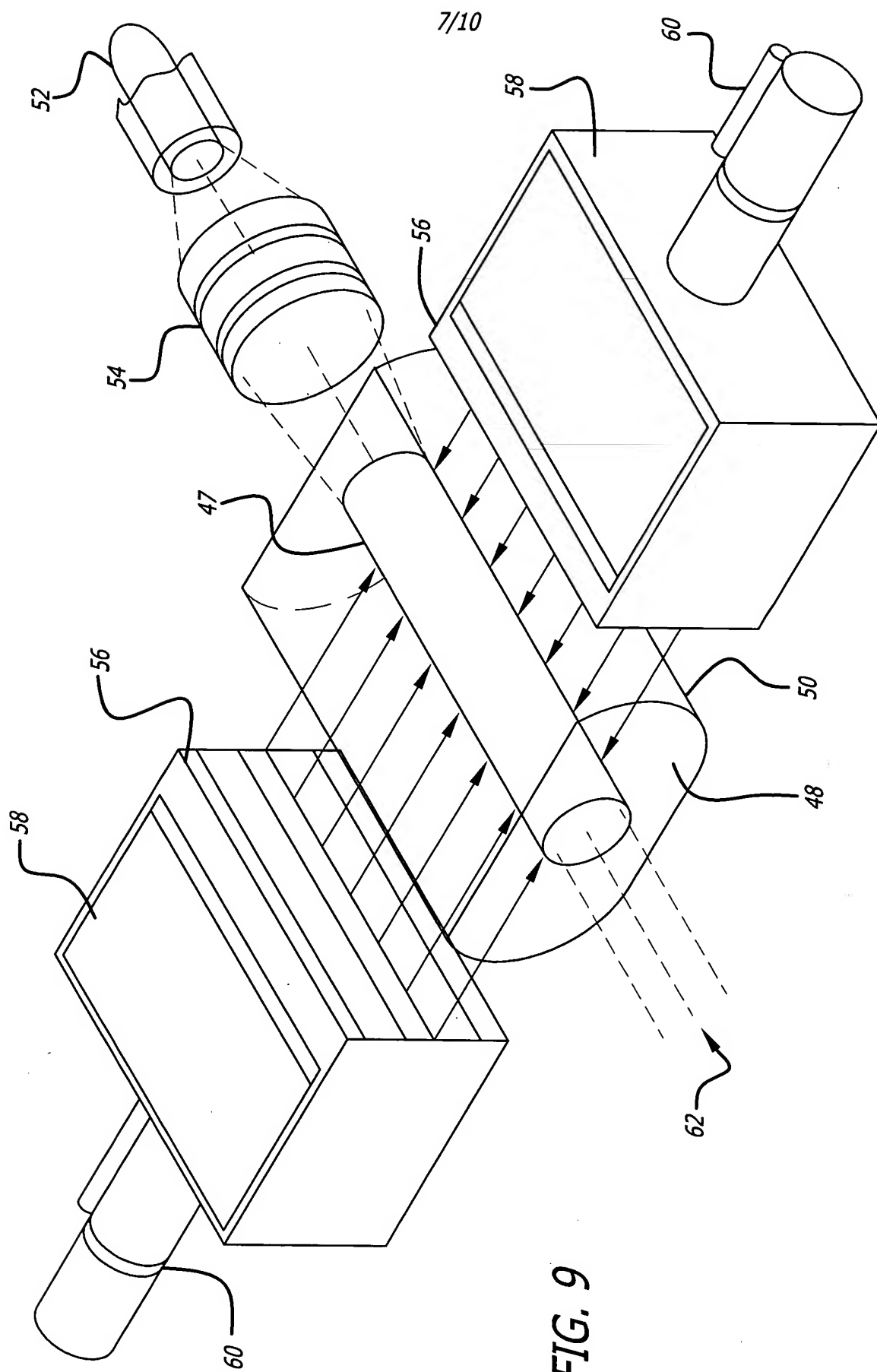
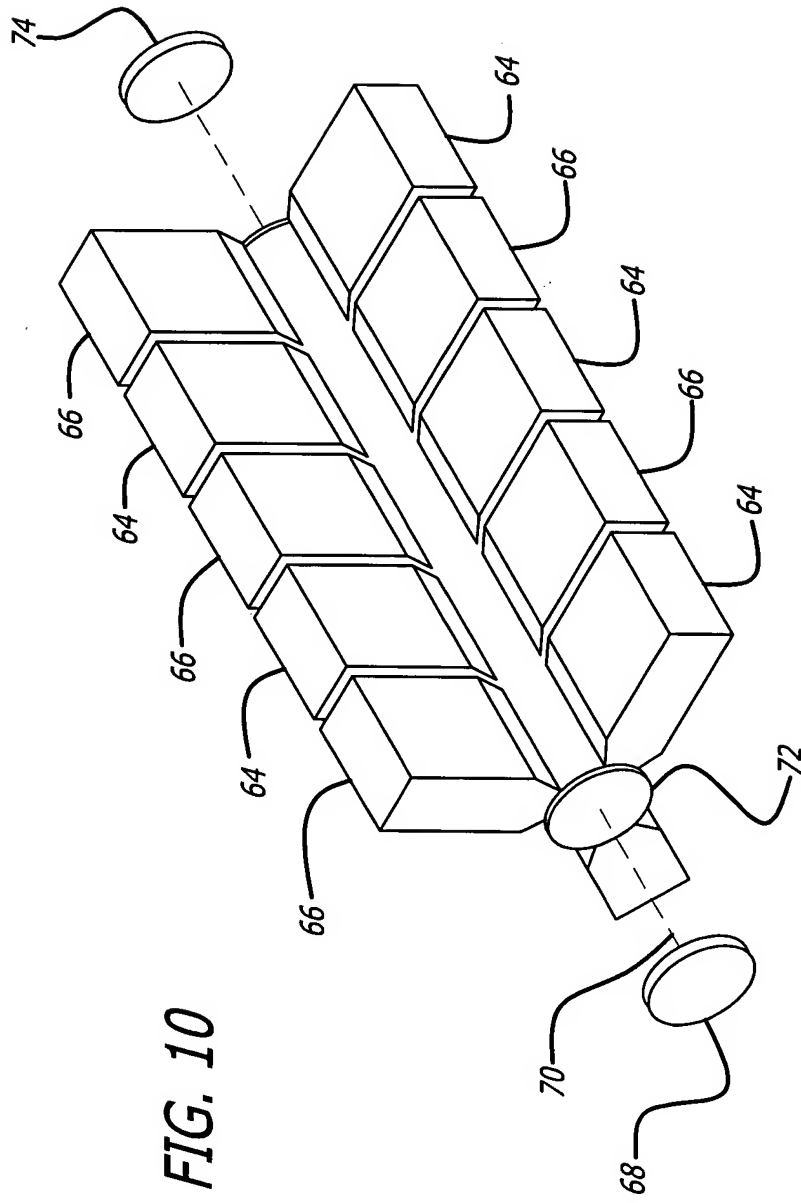


FIG. 9





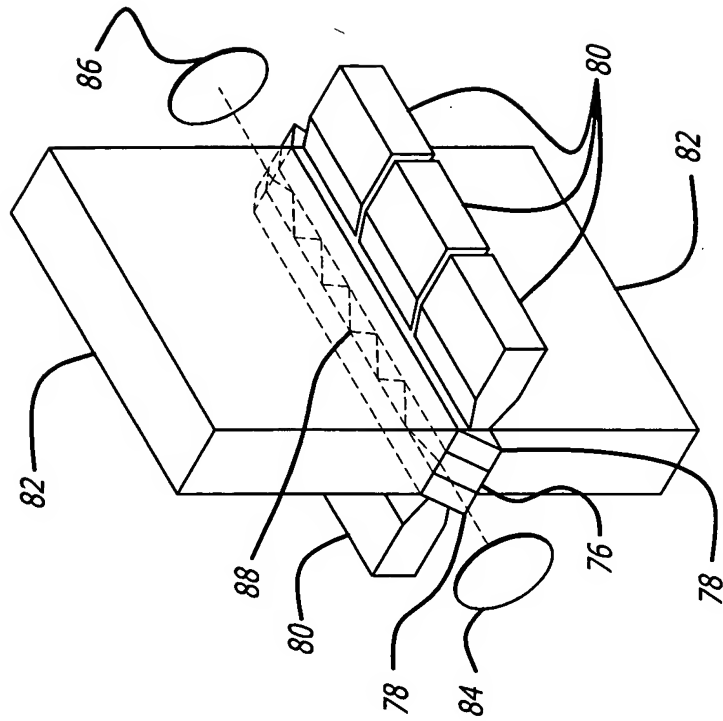


FIG. 12

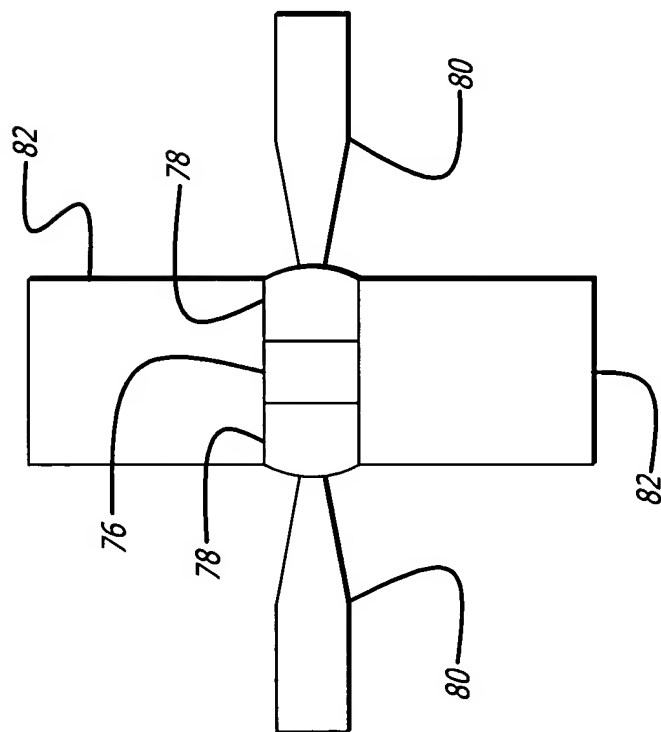


FIG. 11

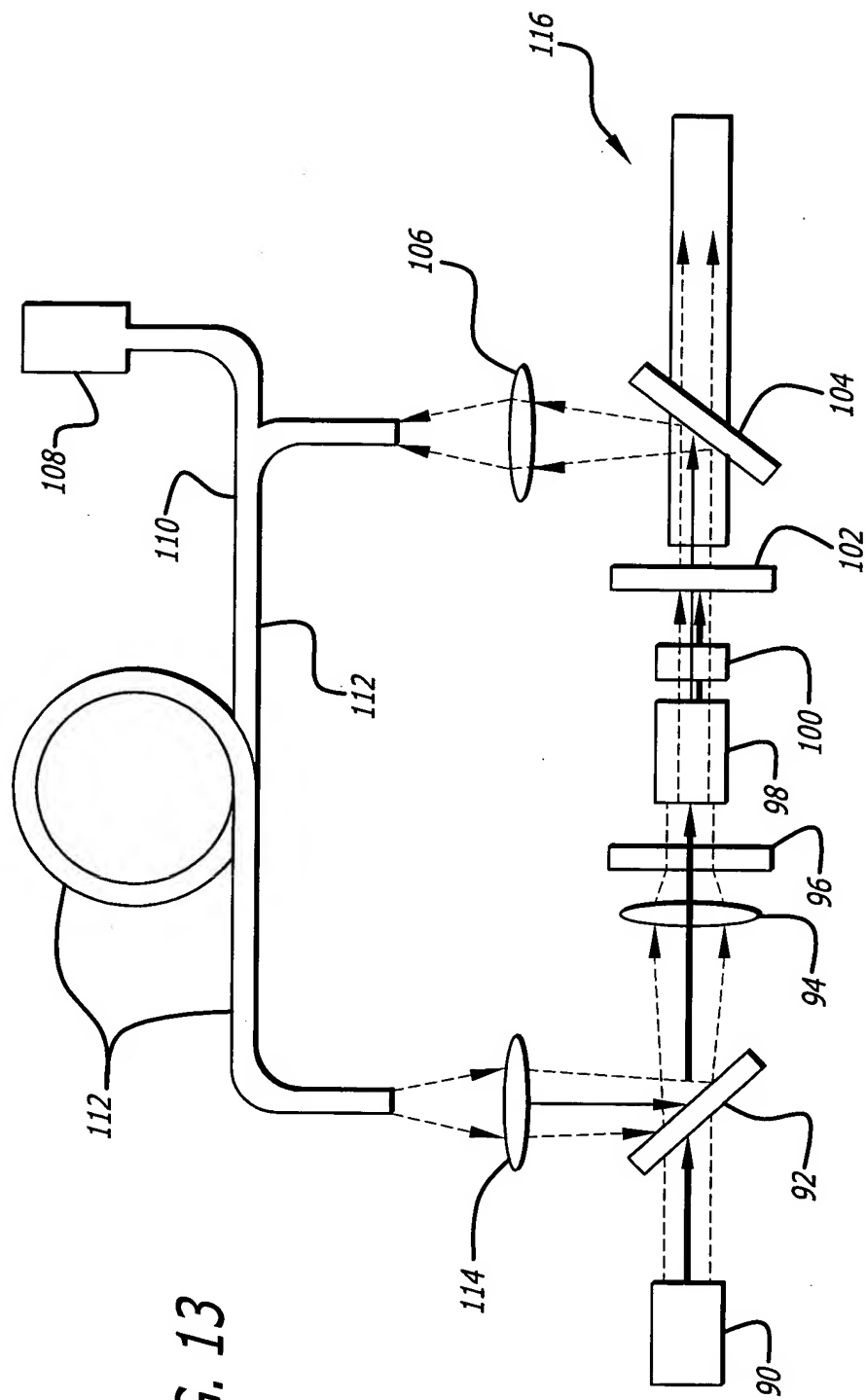


FIG. 13